

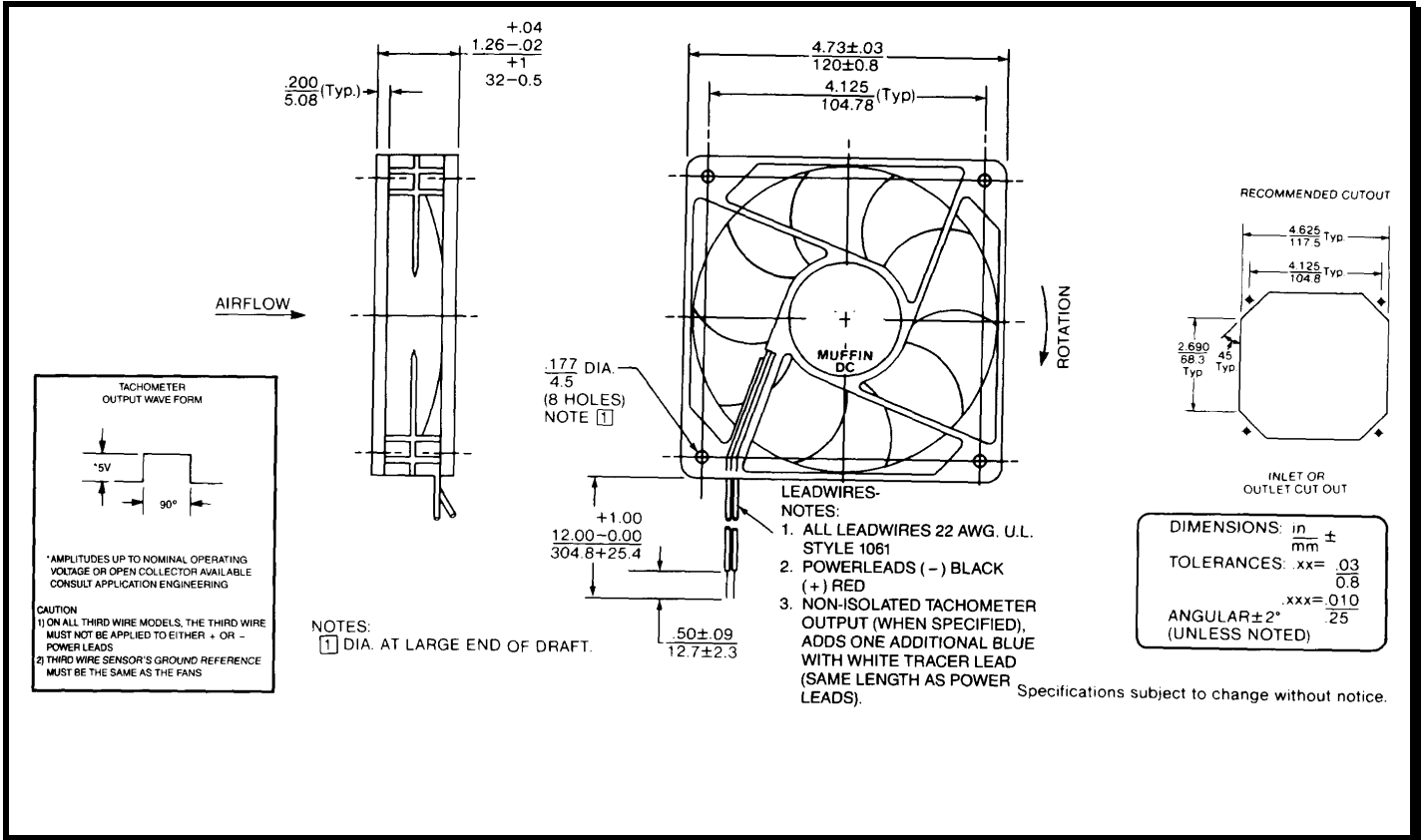
# SPECIFICATIONS



**Model Number:** MC12S3H  
**Part Number:** 17002141A

**Rev:**01  
**May** 06, 2024

## Mechanical Drawing:



## Motor (full speed):

|                          |              |
|--------------------------|--------------|
| Nominal Voltage          | = 12 vdc     |
| Operating Voltage Range  | = 6 – 14 vdc |
| Nominal Running Current  | = 0.630 amps |
| Max Locked Rotor Current | = 1.00 amps  |
| Running Power            | = 7.60 watts |
| Average Speed            | = 3200 RPM   |
| Bearings                 | = Ball       |
| Air Flow                 | = 90 CFM     |
| Acoustic                 | = 45.0 dBA   |

## Construction:

Venturi: Plastic, Black, UL 94V-0  
 Propeller: Plastic, Black, UL 94V-0

## Life Expectancy:

This fan is designed for continuous duty life of 45,000 hours at 70°C.

## Additional Features:

Brushless DC Motor  
 Electronic Locked Rotor Protected  
 Polarity Protected  
 Automatic Restart Capability  
 Thermal Speed Control  
 Operating Temperature: -10°C to 70°C  
 Storage Temperature: -40°C to 85°C

## Termination:

12" Lead wires, 22AWG, UL 1061  
 PTC on 24" Zip cord  
 Red = Fan Power  
 Black = Fan Ground

## Agency Approvals:

UL, CUL, CE

PQ Curve:

